



# An Introduction to Fabrik

OS Joomla Application Builder

<http://www.fabrikar.com>



# About Me



- Poten 8 Design Ltd  
– Joomla projects
- Fabrik
- British Living in France
- Badminton Coach

# What is Fabrik?

- Forms
- Reports / Tables
- Data Exchange
- Extensible
- Native to Joomla 1.0.x and 1.5.x

# Why Use Fabrik

- Large active community
  - 14 000 posts
  - 5 900 members
- Supported and developed for over 4 years
- Comprehensive solution
- Open source
- Subscription plans

# Anatomy of a Fabrik Form

The diagram illustrates the anatomy of a Fabrik form titled "Contact Us". The form is enclosed in a rectangular border and contains the following elements:

- Group:** A blue callout bubble points to the "Contact Us" title.
- Text:** Below the title is a subtitle: "This is a sample contact us form, that is stored in a database table".
- Group:** A blue callout bubble points to the "Contact Details" section header.
- Element:** A blue callout bubble points to the "First Name" label.
- Element:** A blue callout bubble points to the "Last Name" label.
- Element:** A blue callout bubble points to the "Email" label.
- Form:** Three text input fields are provided for "First Name", "Last Name", and "Email".
- Group:** A blue callout bubble points to the "Your Enquiry" section header.
- Text:** Below the header is the label "Message".
- Form:** A large text area for entering the message.
- Actions:** A blue callout bubble points to the "Submit" button at the bottom of the form.

# Groups

- Logical containers for elements
- Repeat groups
- Custom style
- visible / hidden

# Elements

- The widgets' for data input
- 13 types
  - field, text area, radio, checkbox, drop down, upload, date, text, images, link, database join, button, username
- Access levels
  - use/ read only
- Validations
  - prebuilt / custom
- Filters
- Javascript actions

# Forms

- Publishing & Access control
- Templates
  - HTML and PHP
- Email notifications
  - HTML and PHP templating
- Receipts
- Jump Page / Thanks message
- Custom PHP
- Record to Database

# Reports / Tables

## Anatomy of a Fabrik Table

Filter

Data

Navigation

**Contact Us Data**  
This table stores the data submitted in the contact us for

**Add Record**

Search: **Clear**  
First Name

id	First Name	time_date	Last Name	Email	Delete
1	<b>Rob</b>	2008-07-09	<b>Clayburn</b>	rob@test.com	<input type="checkbox"/>
2	<b>Anoy</b>	2008-07-09	<b>Mous</b>	any@test.com	<input type="checkbox"/>
3	<b>fred</b>	2008-07-09	<b>blog</b>	fred@fred.com	<input type="checkbox"/>

Check All

**<< Start** **< Prev** **1** **Next >** **End >>**

Display#  Results 1 - 3 of 3

**Delete**

# Tables - Adding Data

- View data from
  - Fabrik forms
  - Existing tables in your Joomla database
  - Create connections to other mySQL database


# Tables - Manipulating Data

- Calculations
- Filter / Order
- Prefilters
- Translate data with Joomla fish

# Tables – Group Data

id	First Name	time_date	Last Name	Email	Delete
1	Rob	2008-07-09	Clayburn	rob@test.com	<input type="checkbox"/>
2	Anoy	2008-07-09	Mous	any@test.com	<input type="checkbox"/>
3	fred	2008-07-09	blog	fred@fred.com	<input type="checkbox"/>
4	Jeff	2008-07-18	Mills	rob@test.com	<input type="checkbox"/>

**Group by:**

Group by:  

Group by order:

Order direction:

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**Pre Filter**

[Add filter](#)

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**Table Joins**

id

First Name

time\_date

Last Name

**Email**

Message

.

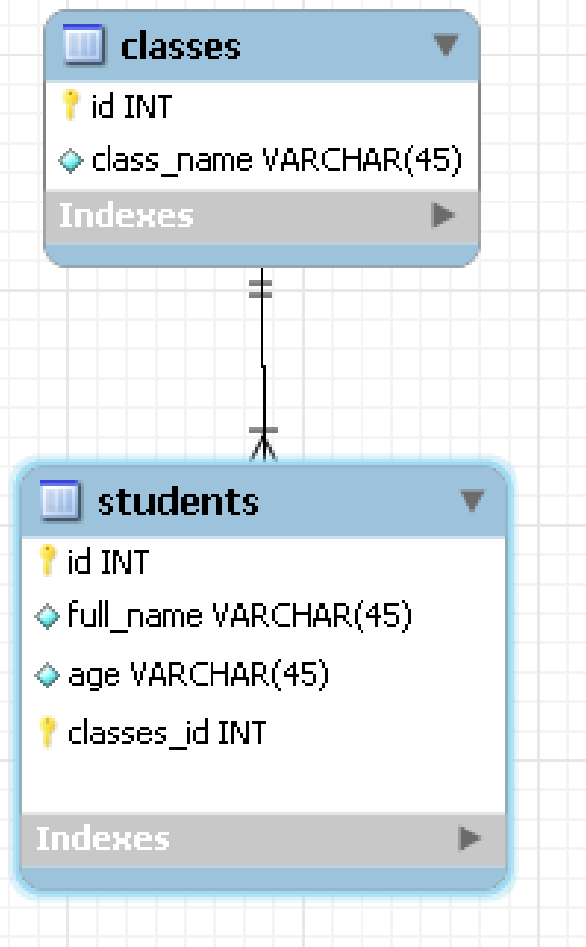
id	First Name	time_date	Last Name	Email	Delete
1	Rob	2008-07-09	Clayburn	rob@test.com	<input type="checkbox"/>
4	Jeff	2008-07-18	Mills	rob@test.com	<input type="checkbox"/>

id	First Name	time_date	Last Name	Email	Delete
2	Anoy	2008-07-09	Mous	any@test.com	<input type="checkbox"/>

id	First Name	time_date	Last Name	Email	Delete
3	fred	2008-07-09	blog	fred@fred.com	<input type="checkbox"/>



# Table Joins



id	Class name	Full name	Delete	Edit
21	class 1	Ryan Adams	<input type="checkbox"/>	Edit
21	class 1	Jeff Mills	<input type="checkbox"/>	Edit
22	class 2	Adam Freeland	<input type="checkbox"/>	Edit

# Data Exchange

- Create RSS feeds from your table
- Export to CSV
- Import from CSV
- Import / Export XML packages

# Extending Fabrik

- **Templates**
  - Form, table and email templates
- **Javascript events**
  - Attached to elements, or to forms
- **Custom validations**

# Fabrik 2.0b2

- **PLUGINS!**
  - Elements, form processors, tables, validations, visualizations
- **Native to Joomla 1.5.x**
- **Packages**
  - Create single page AJAX applications
- **Visualizations**
  - Calendars, timelines, charts, Google maps
- **Multi-page Forms**
  - Span forms over multiple pages
  - Allow users to come back and edit unfinished forms
- **Ajax Validations**

# Exam ples

<http://www.forest-food.co.uk>

- Provides local produced food to users living in the Forest of Dean
- Links in with virtuemart database tables allowing producers to manage their own products and orders.
- Links in with community builder to show producer profiles

<http://prokatboats.biz/boats/3660-prokat-sport-cuddy.html>

- Build a custom boat spec!

[http://sebuscan.org/index.php?option=com\\_fabrik&Itemid=27](http://sebuscan.org/index.php?option=com_fabrik&Itemid=27)

- A missing persons list.

# Questions?